

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Previously Presented): A process for the purification of an aqueous hydrogen peroxide solution comprising the treatment of an aqueous hydrogen peroxide solution first with a reverse osmosis membrane purification, and afterwards with at least one other purification selected from the group consisting of exposure to ultraviolet light, exposure to ozone, contact with at least one adsorption resin, and any combination thereof.

Claim 2 (Cancelled)

Claim 3 (Previously Presented): The process according to claim 1, wherein the hydrogen peroxide solution has a concentration before treatment of 5 to 70 % by weight of hydrogen peroxide.

Claim 4 (Cancelled)

Claim 5 (Previously Presented): The process according to claim 1, wherein the other purification includes exposure to ultraviolet light.

Claim 6 (Previously Presented): The process according to claim 1, wherein the treatment comprises, in the following sequence, (1) the reverse osmosis membrane purification, (2) a purification selected from the group consisting of exposure to ultraviolet light, exposure to ozone and a combination thereof, (3) a dilution, (4) an optional contact with an adsorption resin, (5) an optional ion exchange purification.

Claim 7 (Previously Presented): The process according to claim 6, wherein the treatment additionally comprises (6) a second optional ion exchange purification, and (7) a second purification selected from the group consisting of exposure to ultraviolet light, exposure to ozone and a combination thereof.

Claim 8 (Previously Presented): The process according to claim 1, wherein the treatment comprises, in the following sequence, (1) the reverse osmosis membrane purification, (2) a treatment selected from the group consisting of exposure to ultraviolet light, exposure to ozone, contact with at least one adsorption resin, and any combination thereof, (3) optionally one or more other treatments.

Claim 9 (Previously Presented): The process according to claim 8, wherein the treatment comprises, in the following sequence, (1) the reverse osmosis membrane purification, (2) exposure to ultraviolet light, and (3) contact with at least one adsorption resin.

Claim 10 (Cancelled)

Claim 11 (Cancelled)

Claim 12 (Cancelled)

Claim 13 (Currently Amended): ~~The process according to claim 1, A process for the purification of an aqueous hydrogen peroxide solution comprising the treatment of an aqueous hydrogen peroxide solution first with a reverse osmosis membrane purification, and~~

afterwards with at least one other purification selected from the group consisting of exposure to ultraviolet light, exposure to ozone, contact with at least one adsorption resin, and any combination thereof,

wherein the other purification includes exposure to ozone.

Claim 14 (Previously Presented): The process according to claim 1, wherein the other purification includes contact with at least one adsorption resin.

Claim 15 (Previously Presented) The process as claimed in Claim 1 wherein said aqueous hydrogen peroxide solution has a TOC level after treatment of less than 1 mg/kg.

Claim 16 (Previously Presented) The process as claimed in Claim 1 wherein said aqueous hydrogen peroxide solution has a TOC level after treatment of less than 0.01 mg/kg.

Claim 17 (New) The process as claimed in Claim 1 wherein said reverse osmosis membrane purification comprises passing said aqueous hydrogen peroxide solution through a reverse osmosis membrane made of a material selected from the group consisting of polyamides, polypiperazine amides, polyacrylonitriles and polysulfones.

Claim 18 (New) The process as claimed in Claim 1 wherein said aqueous hydrogen peroxide solution is passed through said reverse osmosis membrane at a flux of from 20-50 litres per hour per m² of membrane surface.

Claim 19 (New) The process as claimed in Claim 17 wherein said reverse osmosis membrane is made of polyamide.

Claim 20 (New) The process as claimed in Claim 17 wherein said reverse osmosis membrane is made of polypiperazine amide.

Claim 21 (New) The process as claimed in Claim 17 wherein said reverse osmosis membrane is made of polyacrylonitrile.

Claim 22 (New) The process as claimed in Claim 17 wherein said reverse osmosis membrane is made of polysulfone.

Claim 23 (New) The process as claimed in Claim 18 wherein said reverse osmosis membrane is made of polyamide.

Claim 24 (New) The process as claimed in Claim 18 wherein said reverse osmosis membrane is made of polypiperazine amide.

Claim 25 (New) The process as claimed in Claim 18 wherein said reverse osmosis membrane is made of polyacrylonitrile.

Claim 26 (New) The process as claimed in Claim 18 wherein said reverse osmosis membrane is made of polysulfone.